HPE Virtual Connect SE 100Gb F32 Module for Synergy (867796-B21)



What's new

- Support for 25/50/100 Gb Ethernet
- Support for 8/16/32 Gb converged fiber channel
- Support for Large Network Sets (LNS)
- Support for RoCE v1/2
- Support for HPE Synergy 4820C and HPE Synergy 6820C Converged Network Adapters

Overview

Wouldn't you like to consolidate legacy hierarchical architectures based on north/south design with over-subscription bottlenecks into a flat, east/west architecture to increase data throughput and reduce latency with only a single hop within large domains of virtual machines or HPE Synergy Compute Modules?

The HPE Virtual Connect SE 100Gb Module for Synergy provides the latest performance for your demanding workloads including 25/50 Gb downlink speeds, 100 Gb uplinks, and 16/32 Gb converged Fiber Channel. Its dis-aggregated, rack-scale design uses a primary/satellite architecture to consolidate data center network connections, reduce hardware and scale network bandwidth across multiple HPE Synergy Frames.

The primary module contains intelligent networking capabilities that extends connectivity to satellite frames through Interconnect Link Modules. This decreases top of rack switch needs and substantially reduces costs.

Features

Enhance Uplink Costs with the Latest Fabric Bandwidths

The HPE Virtual Connect SE 100Gb F32 switch module provides 25/50/100 Gb performance with the cost benefits of HPE Synergy's primary/satellite networking architecture. Converge your uplinks from the Synergy frame and save money on upstream ports.

Improve Fabric Efficiency, Reliability and Manageability with HPE Composable Infrastructure

The HPE Virtual Connect SE 100Gb F32 Module for Synergy consolidates data center network connections, and reduces hardware and scale network bandwidth across multiple frames with the HPE Synergy innovative disaggregated, rack-scale design.

Enjoy simple, reliable and fast provisioning HPE Virtual Connect SE 100Gb F32 Modules using the Hewlett Packard Enterprise Synergy software-defined intelligence with template-driven programming.

Orchestrate frictionless HPE Virtual Connect SE firmware updates in concert with an entire Synergy infrastructure using one-tool, one-step template-based operations from HPE Synergy Composer.

Based on Industry's Proven Virtual Connect Technology

The HPE Virtual Connect SE 100Gb F32 Module for Synergy provides one flexible interconnect interface to the network. One device supports common data center networks protocols such as: Ethernet, Fibre Channel (FC), Fibre Channel over Ethernet (FCoE) and iSCSI.

Fine-tune the performance of each data and storage connection to meet the needs of each of your virtual machines and targeted workloads.

Connect to HPE Synergy Compute Modules using full hardware offload of iSCSI and FCoE protocol processing and minimizing the impact on host CPU performance to increase storage connection performance.

Perform ultra-fast communication between virtual server hosts during migrations and recoveries with hardware based 25/50 GbE performance.

Technical specifications	HPE Virtual Connect SE 100Gb F32 Module for Synergy
Product Number	867796-B21
Warranty	3 year Parts, 3 year Labor, 3 year on-site support

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

For additional technical information, available models and options, please reference the QuickSpecs

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

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